```
=> fil reg
FILE 'REGISTRY' ENTERED AT 12:36:12 ON 17 AUG 2006

=> d his ful

        FILE 'HCAPLUS' ENTERED AT 10:37:51 ON 17 AUG 2006
L1              1 SEA ABB=ON  US20050014220/PN
                  SEL RN


        FILE 'REGISTRY' ENTERED AT 10:39:10 ON 17 AUG 2006
L2             17 SEA ABB=ON  (477950-55-3/BI OR 477950-56-4/BI OR
                  477950-57-5/BI OR 477950-58-6/BI OR 477991-18-7/BI OR
                  477991-19-8/BI OR 477991-20-1/BI OR 477991-21-2/BI OR
                  477994-28-8/BI OR 477994-29-9/BI OR 477994-30-2/BI OR
                  477994-31-3/BI OR 477994-32-4/BI OR 477994-33-5/BI OR
                  477994-34-6/BI OR 477994-35-7/BI OR 60202-16-6/BI)
L3                STR
L4             45 SEA SSS SAM L3
L5                STR L3
L6              5 SEA SSS SAM L5
L7            844 SEA SSS FUL L3
L8              5 SEA SUB=L7 SSS SAM L5
L9              0 SEA ABB=ON  L7 AND L2
L10            39 SEA SUB=L7 SSS FUL L5
                  SAV L7 HEA360/A
                  SAV L10 HEA360A/A


        FILE 'HCAPLUS' ENTERED AT 11:45:46 ON 17 AUG 2006
L11            19 SEA ABB=ON  L10
L12           308 SEA ABB=ON  L7
L13           289 SEA ABB=ON  L12 NOT L11
L14             1 SEA ABB=ON  US20050004009/PN
                  SEL RN


        FILE 'REGISTRY' ENTERED AT 12:46:12 ON 17 AUG 2006
L15            28 SEA ABB=ON  (286465-43-8/BI OR 286465-44-9/BI OR
                  400628-17-3/BI OR 725233-52-3/BI OR 725233-53-4/BI OR
                  725233-54-5/BI OR 725233-55-6/BI OR 725233-56-7/BI OR
                  725233-57-8/BI OR 725233-59-0/BI OR 725233-60-3/BI OR
                  725233-61-4/BI OR 725233-62-5/BI OR 725233-63-6/BI OR
                  725233-64-7/BI OR 725233-65-8/BI OR 725233-66-9/BI OR
                  725233-67-0/BI OR 725233-68-1/BI OR 751481-25-1/BI OR
                  751481-26-2/BI OR 751481-27-3/BI OR 751481-28-4/BI OR
                  752718-90-4/BI OR 752718-91-5/BI OR 752718-92-6/BI OR
                  752718-93-7/BI OR 752718-94-8/BI)
L16            22 SEA ABB=ON  L7 AND L15
L17             6 SEA ABB=ON  L15 NOT L16


        FILE 'HCAPLUS' ENTERED AT 12:47:01 ON 17 AUG 2006
L18             6 SEA ABB=ON  L16
L19            19 SEA ABB=ON  L18 OR L11
L20            73 SEA ABB=ON  L13 AND PHARM?/SC,SX
L21             5 SEA ABB=ON  L20 AND PEPTIDOMIMET?
L22            12 SEA ABB=ON  L13 AND PEPTIDOMIMET?
L23            12 SEA ABB=ON  L21 OR L22
L24             7 SEA ABB=ON  L13 AND ?INFLAMM?
L25            19 SEA ABB=ON  L23 OR L24
L26        797385 SEA ABB=ON  CANCER? OR CARCINOMA? OR MELANOMA? OR
                  NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR MALIGNAN?
L27            20 SEA ABB=ON  L20 AND L26
```
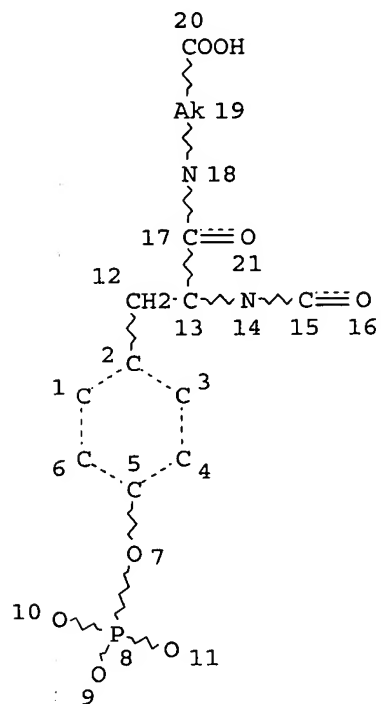
USHA SHRESTHA  EIC 1600 REM 1A64

L28        32 SEA ABB=ON   L25 OR L27


=> d que l11
L3                 STR

```
                 20
                 COOH
                  )
                 Ak 19
                  )
                 N 18
                  )
             17 C≡≡O
       12        )    21
           CH2·C∿N∿C≡≡O
              )  13  14  15  16
          2 C
     1 C       C 3
      :    .    :
     6 C    5  C 4
         C
          )
          O 7
   10 O∿    )
          P∿  O 11
        O ) 8
        O
          9
```
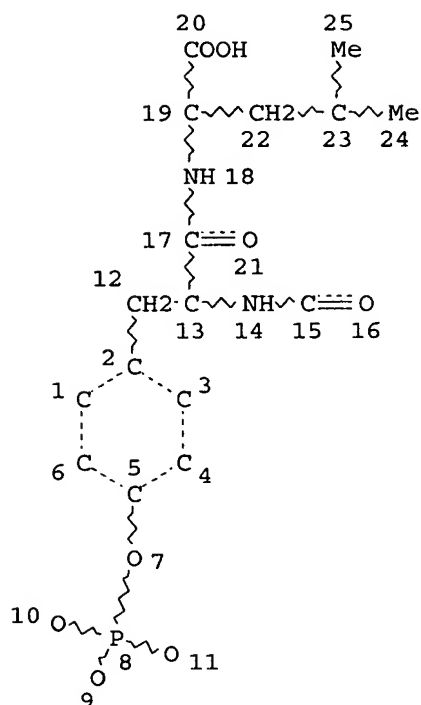
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  21

STEREO ATTRIBUTES: NONE
L5                 STR

```
     20        25
    COOH       Me
     ?          ?
 19 C~~CH2~ C~~Me
     ?      22   23  24
    NH 18
     ?
 17 C═══O
 12   ?   21
   CH2-C~~NH~C═══O
     ?   13  14  15  16
   2 C
 1 C´´  `C 3
      |    |
 6 C.  5 .C 4
      C
      ?
      O 7
      ?
10 O~~ ?
      P~~O 11
    ?O 8
    O
    9
```

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  25

STEREO ATTRIBUTES: NONE
L7            844 SEA FILE=REGISTRY SSS FUL L3
L10            39 SEA FILE=REGISTRY SUB=L7 SSS FUL L5
L11            19 SEA FILE=HCAPLUS ABB=ON  L10


=> d que 128
L3              STR

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  21

STEREO ATTRIBUTES: NONE
L5              STR

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  25

STEREO ATTRIBUTES: NONE

| | | | | |
|---|---|---|---|---|
| L7 | 844 | SEA FILE=REGISTRY SSS FUL L3 | | |
| L10 | 39 | SEA FILE=REGISTRY SUB=L7 SSS FUL L5 | | |
| L11 | 19 | SEA FILE=HCAPLUS ABB=ON | L10 | |
| L12 | 308 | SEA FILE=HCAPLUS ABB=ON | L7 | |
| L13 | 289 | SEA FILE=HCAPLUS ABB=ON | L12 NOT L11 | |
| L20 | 73 | SEA FILE=HCAPLUS ABB=ON | L13 AND PHARM?/SC,SX | |
| L21 | 5 | SEA FILE=HCAPLUS ABB=ON | L20 AND PEPTIDOMIMET? | |
| L22 | 12 | SEA FILE=HCAPLUS ABB=ON | L13 AND PEPTIDOMIMET? | |
| L23 | 12 | SEA FILE=HCAPLUS ABB=ON | L21 OR L22 | |
| L24 | 7 | SEA FILE=HCAPLUS ABB=ON | L13 AND ?INFLAMM? | |
| L25 | 19 | SEA FILE=HCAPLUS ABB=ON | L23 OR L24 | |
| L26 | 797385 | SEA FILE=HCAPLUS ABB=ON | CANCER? OR CARCINOMA? OR MELANOMA? OR NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR MALIGNAN? | |
| L27 | 20 | SEA FILE=HCAPLUS ABB=ON | L20 AND L26 | |
| L28 | 32 | SEA FILE=HCAPLUS ABB=ON | L25 OR L27 | |

```
=> fil hcap
FILE 'HCAPLUS' ENTERED AT 12:36:32 ON 17 AUG 2006


=> d l11 1-19 ibib abs hitstr hitind
```

L11  ANSWER 1 OF 19   HCAPLUS   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:       2006:307869   HCAPLUS
DOCUMENT NUMBER:        145:483
TITLE:                  Selective Inhibition of ErbB2-Overexpressing
                        Breast Cancer In vivo by a Novel TAT-Based
                        ErbB2-Targeting Signal Transducers and
                        Activators of Transcription 3 Blocking Peptide
AUTHOR(S):              Tan, Ming; Lan, Keng-Hsueh; Yao, Jun; Lu,
                        Chien-Hsing; Sun, Menghong; Neal, Christopher
                        L.; Lu, Jing; Yu, Dihua
CORPORATE SOURCE:       Departments of Surgical Oncology and Molecular
                        and Cellular Oncology, The University of Texas
                        M.D. Anderson Cancer Center, Houston, TX,
                        77030, USA
SOURCE:                 Cancer Research (2006), 66(7), 3764-3772
                        CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER:              American Association for Cancer Research
DOCUMENT TYPE:          Journal
LANGUAGE:               English

AB    ErbB2 is an excellent target for cancer therapies.  Unfortunately,
      the outcome of current therapies for ErbB2-pos. breast cancers
      remains unsatisfying due to resistance and side effects.  New
      therapies for ErbB2-overexpressing breast cancers continue to be
      in great need.  Peptide therapy using cell-penetrating peptides
      (CPP) as peptide carriers is promising because the internalization
      is highly efficient, and the cargoes delivered can be bioactive.
      However, the major obstacle in using these powerful CPPs for
      therapy is their lack of specificity.  Here, we sought to develop
      a peptide carrier that could introduce therapeutics specifically
      to ErbB2-overexpressing breast cancer cells.  By modifying the HIV
      TAT-derived CPP and conjugating anti-HER-2/neu peptide mimetic

10/784,309


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NEWS  1          Web Page for STN Seminar Schedule - N. America
NEWS  2   JAN 08  CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS  3   JAN 16  CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS  4   JAN 16  IPC version 2007.01 thesaurus available on STN
NEWS  5   JAN 16  WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS  6   JAN 22  CA/CAplus updated with revised CAS roles
NEWS  7   JAN 22  CA/CAplus enhanced with patent applications from India
NEWS  8   JAN 29  PHAR reloaded with new search and display fields
NEWS  9   JAN 29  CAS Registry Number crossover limit increased to 300,000 in
                 multiple databases
NEWS 10   FEB 15  PATDPASPC enhanced with Drug Approval numbers
NEWS 11   FEB 15  RUSSIAPAT enhanced with pre-1994 records
NEWS 12   FEB 23  KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13   FEB 26  MEDLINE reloaded with enhancements
NEWS 14   FEB 26  EMBASE enhanced with Clinical Trial Number field
NEWS 15   FEB 26  TOXCENTER enhanced with reloaded MEDLINE
NEWS 16   FEB 26  IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17   FEB 26  CAS Registry Number crossover limit increased from 10,000
                 to 300,000 in multiple databases
NEWS 18   MAR 15  WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19   MAR 16  CASREACT coverage extended
NEWS 20   MAR 20  MARPAT now updated daily
NEWS 21   MAR 22  LWPI reloaded
NEWS 22   MAR 30  RDISCLOSURE reloaded with enhancements
NEWS 23   APR 02  JICST-EPLUS removed from database clusters and STN
NEWS 24   APR 30  GENBANK reloaded and enhanced with Genome Project ID field
NEWS 25   APR 30  CHEMCATS enhanced with 1.2 million new records
NEWS 26   APR 30  CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 27   APR 30  INPADOC replaced by INPADOCDB on STN
NEWS 28   MAY 01  New CAS web site launched
NEWS 29   MAY 08  CA/CAplus Indian patent publication number format defined
NEWS 30   MAY 14  RDISCLOSURE on STN Easy enhanced with new search and display
                 fields
NEWS 31   MAY 21  BIOSIS reloaded and enhanced with archival data
NEWS 32   MAY 21  TOXCENTER enhanced with BIOSIS reload
NEWS 33   MAY 21  CA/CAplus enhanced with additional kind codes for German
                 patents
NEWS 34   MAY 22  CA/CAplus enhanced with IPC reclassification in Japanese
                 patents

NEWS EXPRESS   NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.


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